



1/2

FIG. 1

	Working- Example Sample 1	Working- Example Sample 2	Working- Example Sample 3	Working- Example Sample 4	Working- Example Sample 5	Working- Example Sample 6	Comparative- Example Sample 1	Comparative- Example Sample 2
Properties of evaluated samples	Amount of particles (parts by weight)	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Shape of particles	Needle-like	Needle-like	Needle-like	Needle-like	Needle-like	Spherical	Spherical
	Material for particles	Wollastonite	Wollastonite	Wollastonite	Wollastonite	Wollastonite	Silica	Silica
	Particle hardness (Mohs hardness)	4.5	4.5	4.5	4.5	4.5		
	Average grain size (μm)	4	8	13	12	20	40	10
	Average particle length (μm)	12	40	78	264	360	640	10
	Particle content (wt.%)	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Coating thickness (μm)	20	20	20	20	20	20	13
	Ease of coating	5	5	5	5	4	3	5
	Ease of cutting Test A	2	3	4	4	4	4	3
Evaluation results	Adhesive strength	5	5	5	5	5	5	1
	Overall evaluation	Δ (12)	\odot (13)	\odot (14)	\odot (14)	\odot (13)	Δ (12)	\times (9)
	Parameter 1	\odot	\odot	\odot	\odot	\odot	\times (11)	\times
	Parameter 2	\times	\times	\times	\times	\times	\times	\times
Parameters	Parameter 3	\times	Δ (lower)	\odot	\odot	Δ (upper)	\times	\times
	Parameter 4	\odot	\odot	\odot	\odot	\odot	\times	\times

